



SECTION ELEVATION:

**LEGEND:**

- ① MIRAGE M-160 SPRINKLER.
- ② MIRAGE ELECTRIC SLEEVE VALVE - 3-INCH SIZE.
- ③ ISOLATION SLEEVE VALVE (INCLUDED WITH TOTAL SOLUTION KIT) - 3-INCH SIZE - W/ MALE SWIVEL THREADED INLET AND 1-INCH THREADED SIDE INLET FOR OPTIONAL QUICK COUPLER VALVE.
- ④ COMPACT DUCTILE IRON SWING JOINT ASSEMBLY - 3-INCH X 2.5-INCH NPT SIZE - MODEL NO. IV3K-C-SJ (OPTIONAL BSP THREADED VERSION AVAILABLE).
- ⑤ MIRAGE ENCLOSURE MODEL NO. MSSB IV300-1830 - 18"W X 30"L X 18"D - STAINLESS STEEL WITH 2 RECESSED LIDS AND 1/2" THICK HDPE INSERTS SECURED FROM UNDERSIDE - OPTIONAL 6' EXTENSIONS UP TO 30" DEEP (NOT SHOWN).
- ⑥ MIRAGE ENCLOSURE MODEL NO. MSSB-160 - 18"W X 18"L X 18"D - STAINLESS STEEL WITH RECESSED LID AND 1/2" THICK HDPE INSERT SECURED FROM UNDERSIDE.
- ⑦ IRRIGATION MAIN LINE PIPING INCLUDING TEE OR ELL CONNECTION TO VALVE - SUPPLIED BY OTHERS.
- ⑧ DUCTILE IRON TEE WITH ACME SWIVEL THREAD (NOT INCLUDED IN KIT) W/ MAIN LINE @ 30" DEPTH.
- ⑨ HDPE SIDE SUPPORTS - ADJUST FOR VARYING PILE HEIGHTS - SECURE TO ALL FOUR SIDES OF VALVE BOX (PROVIDED BY CONTRACTOR).
- ⑩ COMMON RED OR CONCRETE BRICK SUPPORT UNDER EACH CORNER OF BOX. TYPICAL.
- ⑪ 3/4" WASHED GRAVEL BACKFILL - SET WITHIN 3-INCHES BELOW VALVE BOX LID.
- ⑫ FINISH GRADE.
- ⑬ COMPACTED SUB-BASE MATERIAL.

UNDERHILL "TOTAL SOLUTION KIT" INCLUDES:  
 COMPACT DUCTILE IRON SWING JOINT SUB-ASSEMBLY, 3" SLEEVE VALVE, AND 3" ISOLATION VALVE  
 (NOTE: STAINLESS STEEL VALVE BOXES LISTED ABOVE TO BE ORDERED SEPARATELY)

**MIRAGE M-160 "TOTAL SOLUTION KIT"**

N.T.S.  
 M-160-3SJ-IV.dwg